

PHYSIOLOGY AND PATHOPHYSIOLOGY OF THE SPLANCHNIC CIRCULATION

July 24-29

Peter R. Kviety, Chair

Gregory B. Bulkley, Vice-chair

25 July. Non-adrenergic, Non-cholinergic Regulation of Gastrointestinal Circulation. E.D. Jacobson, C. Sternini, J.E. Brayden, J.J. Galligan, D.L. Kreulen, S. Vanner. Imaging Technology for Study of the Vascular System. G.A. Meininger, E.L. Ritman, D.C. Zawieja, P.F. Davies, E.D.W. Moore.

26 July. Endothelial Cell Biology. H.J. Granger, W. Smith, L.V. McIntire, D. Shasby, Y. Yuan, P.R. Kviety. Modulation of Gastrointestinal Inflammation: Leukocyte Adhesion and Chemotaxis. J. McCord, D.C. Anderson, P. Kubes, S.C. Silverstein, J.L. Wallace.

27 July. Ischemia/Reperfusion and Tissue Injury. A.E. Taylor, J.E. Repine, R.J. Korthuis, M.V. Cohen, D.L. Osborne, K.G. Proctor. Systemic Toxins of Gut Origin. C.C. Chou, U. Haglund, M.P. Fink, H.P. Hechtman, E.A. Deitch, D.A. Parks.

28 July. Nitric Oxide and the Splanchnic Circulation. P. Kubes, P.J. Kadowitz, B.J.R. Whittle, A.M. Lefer, H.J. Granger, M. Grisham. Modulators of Endothelial Cell Function. A.P. Shepherd, T. McIntyre, B.N. Cronstein, M. Tsuchiya, H.A. Lehr.

29 July. Novel Mechanisms of Tissue Injury. G. Bulkley, R.S. McCuskey, C.A. Brass, T.G. Buchman, A.S. Klein.

FOLIC ACID, VITAMIN B₁₂ AND ONE CARBON METABOLISM

July 31-August 5

Robert H. Allen, Chair

Barry Shane, Co-chair

1 August. B₁₂ and Folate Enzymes and the Regulation of Methionine Synthesis. R. Matthews, R. Rosen, R. Banerjee, J. Stubbe. Folate Enzymes and the Metabolic Control of One Carbon Metabolism. B. Shane, V. Schirch, G. Stauffer, H. Zalkin, D. Appling.

2 August. Clinical Aspects of B₁₂ and Folate Deficiency. R.H. Allen, W. Fenton, I. Rosenberg, D. Weir, J. Lindenbaum, F. Ledley. S-Adenosylmethionine and Methylation. C. Wagner, A. Pegg, C. Bacchi, P. Jones, S.G. Clarke.

3 August. Emerging Chemotherapeutic Targets for Cancer. C. Allegre, R. Schimke, E. Chu, Y. Assaraf, D. Goldman. Folate and Vitamin B₁₂ Biosynthesis. J. Roth, B. Nichols, I. Scott, L. Debussche.

4 August. Homocysteine and Vascular Disease. H. Refsum, P. Ueland, I. Graham, R.H. Allen, J. Ubbink. Emerging Chemotherapeutic Targets Involving Mammalian and Nonmammalian Organisms. D. Santi, R. Stroud, B. Shane, J. Galivan.

5 August. Binding and Transport of Folate and B₁₂. F. Huennekens, C. Bradbeer, S.P. Rothenberg, F. Sirotnak, P. Elwood.

HEPATIC REGENERATION AND CARCINOGENESIS: MOLECULAR AND CELLULAR PATHWAYS

August 7-12

George Michalopoulos, Chair

Randy L. Jirtle, Vice-chair

8 August. Cytokines Related to Regulation of Normal and Neoplastic Liver. G.K. Michalopoulos, K. Fujiwara, R. Schwall, P. Comoglio, N. Fausto, R. Zarnegar, W. Russel, D. LaBrecque.

9 August. Mito-inhibitory Cytokines in Regeneration and Neoplasia. R.L. Jirtle, S. Thorgeirsson, H. Isom, J. Yager. Transcription Factors in Hepatic Growth and Differentiation. J. Locker, K. Zaret, R. Taub.

10 August. Stem Cells and Transitional Cells. S. Thorgeirsson, D. Shafritz, K. Ponder. Non-genotoxic Carcinogenesis. J. Reddy, D.S.R. Sarma, W. Kaufmann. Genetic and Non-genetic Alterations in Tumor Progression. N. Drinkwater, C. Rogler.

11 August. Inflammatory Cytokines and Biology of Liver Transplantation and Growth. T. Starzl, T. Francavilla, A. Demetriou, A.M. Dichl. Human Liver Carcinogenesis. B. Carr, S. Strom.

12 August. Intercellular Matrix, Ito Cells and Bile Duct Cells. A. Sirica, A. Martinez-Hernandez, N. Bucher, J. Demetris, M. Rojkind.

MOLECULAR GENETIC BASIS OF CELL AND TISSUE STRUCTURE AND FUNCTION

August 14-19

Gary Stein, Chair

Alice Fulton, Vice-chair

Ronald Berezney, Vice-chair

15 August. Cellular and Molecular Basis of Organogenesis and Tissue Remodeling. S. Penman, H. Reddi, E. Bell, H.M. Blau. Involvement of Nuclear Architecture in Transcriptional and Post-transcriptional Control of Gene Expression. J. Lawrence, W. Brinkley, D. Spector, R. van Driel, A. van Wijnen, J. Nickerson.

16 August. Role of Chromatin Structure and Nucleosome Organization in Transcriptional Control. G. Hager, M. Bradbury, M. Montecino, J.R. Davie, W. Garrard, S. Ward, H. Saueressig, S. Spiker. Involvement of the Nuclear Matrix in DNA Replication. R. Berezney, J. Hamlin, P. Reddy, D. Kaufman, D. Jackson, T. Kohwi-Shigematsu.

17 August. Contributions of the Cytoskeleton to Control of Gene Expression. A. Fulton, R. Singer, R. Goldman, D. Cleveland, E. Luna. Regulation and Regulatory Roles of the Extracellular Matrix. M.J. Bissell, L. Suva, M. Bernfield, H. Sage, P. Bornstein, S. Farmer, J. Lian.

18 August. Proliferation-differentiation Interrelationships: Regulation of Gene Expression Supporting Cell Growth and Tissue-specific Gene Expression. G. Stein, T. Spelsberg, D. Denhardt, K. Korach, J. Bode. Mechano-chemical Signalling Mechanisms Supporting Cell and Tissue-specific Gene Expression. D. Ingber, M. Sinensky, C. Rubin, K. Hruska, W.B. Kinlaw, J. Bidwell.

19 August. Modifications in Cell Structure as a Basis for Diagnosis, Prognosis and Therapeutics. D.S. Coffey, A. Ben-Ze'ev, R. Hoffman, R. Getzenberg, K. Pienta, E.G. Fey, D. Fernandes, D. Bronstein.

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Multiple Occupancy (3-5 paid registrants per unit)	—	\$465	
Off-site accommodations (registration and meals only)	\$380	\$415	\$380
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